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CLAIMS

1. Video apparatus comprising :

- a digital decoder (6 ; 38) for decompressing compressed digital data and for generating a first digital stream ($YCbCr_1$; $YCbCr_2$) ;
- a video source (2 ; 24) of a first analogue signal;
- a video encoder (12 ; 42) ;
- a first video decoder (4 ; 28) connectable to the video source (2 ; 24) for generating a second digital stream ($YCbCr_2$; $YCbCr_1$) based on the first analogue signal ($CVBS_{in}$; A_1) ;
- mixing means (10, Sync ; 40, Sync) coupled to the first video decoder (4 ; 28) and to the digital decoder (6 ; 38) able to mix the second digital stream ($YCbCr_2$; $YCbCr_1$) and the first digital stream ($YCbCr_1$; $YCbCr_2$) into an output digital stream ($YCbCr_{out}$) to the video encoder (12 ; 42).

2. Video apparatus according to claim 1, wherein a digital encoder (30, 32) generates a third digital stream based on a second analogue signal (A_2) and wherein the digital encoder (30, 32) is connectable to the digital decoder (38) for transmitting said third digital stream to the digital decoder (38).

3. Video apparatus according to claim 2, wherein the digital encoder (30, 32) includes a video decoder (30) for digitising the second analogue signal (A_2).

4. Video apparatus according to claim 2 or 3, wherein the digital encoder (30, 32) and the digital decoder (38) are linked via a digital selector (34).

5. Video apparatus according to claim 4, wherein the digital selector (34) is connected to a medium interface (36).

6. Video apparatus comprising :

- a first video decoder (28) generating a first digital stream ($YCbCr_1$) based on a first analogue video signal (A_1) ;
- a second video decoder (30) generating a second digital stream ($YCbCr_2$) based on a second analogue video signal (A_2) ;

- a digital processing unit (32, 34, 36, 38) at least connectable to the second video decoder (30) and able to generate a third digital stream ($YCbCr_3$) based on the second digital stream ($YCbCr_2$) ;

- a mixing means (40) connected to the first video decoder (28) and to the digital processing unit (32, 34, 36, 38) for outputting to a video encoder (42) an output digital stream ($YCbCr_{out}$) generated from the first digital stream ($YCbCr_1$) and the third digital stream ($YCbCr_3$).

7. Video apparatus according to claim 6, wherein the video encoder (42) outputs an output analogue signal (A_{out} ; R_{out}, G_{out}, B_{out}) based on said output digital stream ($YCbCr_{out}$).

8. Video apparatus according to claim 6 or 7, wherein the digital processing unit includes a medium interface (36).

9. Video apparatus according to claim 8, wherein the medium interface (36) is connectable to the second video decoder (30) for recording on said medium data based on said second digital stream ($YCbCr_2$).

10. Video apparatus according to claim 8 or 9, wherein the medium interface (36) is connectable to the digital switch (40) for outputting to said digital switch (40) a digital stream based on data retrieved from said medium.

11. Video apparatus according to one of the preceding claims, wherein the first video decoder (28) provides a synchronising signal (SYNC) to the digital decoder (38).